

B036CH0 Comparison between current analysis and prior analysis

Pressure comparison			
time interval	Pressure Coef. counts/counts	Difference counts/counts	Percent change
2009 17.0 to 2009 117.0	-2.93574 ± 0.03949	0.01703	-0.6
2009 41.0 to 2009 141.0	-2.95277 ± 0.04634	0.00000	-0.0
2009 65.0 to 2009 165.0	-2.83255 ± 0.05376	0.12022	-4.1
2009 89.0 to 2009 189.0	-2.78916 ± 0.06712	0.16361	-5.5
2009 113.0 to 2009 213.0	-2.76591 ± 0.08344	0.18686	-6.3
2009 137.0 to 2009 237.0	-2.62826 ± 0.10805	0.32451	-11.0
2009 161.0 to 2009 261.0	-2.68973 ± 0.10101	0.26304	-8.9
2009 185.0 to 2009 285.0	-2.85123 ± 0.08646	0.10154	-3.4
2009 209.0 to 2009 309.0	-2.95204 ± 0.06115	0.00073	-0.0
2009 233.0 to 2009 333.0	-3.06231 ± 0.04313	-0.10954	3.7
2009 257.0 to 2009 357.0	-3.09965 ± 0.03615	-0.14688	5.0
2009 291.0 to 2010 26.0	-3.11326 ± 0.03317	-0.16049	5.4
2009 325.0 to 2010 60.0	-3.17130 ± 0.04145	-0.21853	7.4
2009 359.0 to 2010 94.0	-3.17099 ± 0.04361	-0.21822	7.4
2010 28.0 to 2010 128.0	-3.11490 ± 0.04467	-0.16213	5.5
2010 62.0 to 2010 162.0	-3.02354 ± 0.03681	-0.07077	2.4
2010 96.0 to 2010 196.0	-2.84880 ± 0.05666	0.10397	-3.5
2010 130.0 to 2010 230.0	-2.70993 ± 0.08972	0.24284	-8.2
2010 164.0 to 2010 264.0	-2.52030 ± 0.14782	0.43247	-14.6
2010 198.0 to 2010 298.0	-2.69021 ± 0.11054	0.26256	-8.9
2010 232.0 to 2010 332.0	-2.86232 ± 0.06679	0.09045	-3.1
2010 266.0 to 2011 1.0	-3.00638 ± 0.03146	-0.05361	1.8
2010 300.0 to 2011 35.0	-3.00274 ± 0.03684	-0.04997	1.7
2010 334.0 to 2011 69.0	-2.91710 ± 0.03991	0.03567	-1.2
2011 3.0 to 2011 103.0	-2.90019 ± 0.04159	0.05258	-1.8
2011 37.0 to 2011 137.0	-2.92788 ± 0.03501	0.02489	-0.8
2011 71.0 to 2011 171.0	-2.98310 ± 0.03862	-0.03033	1.0
2011 105.0 to 2011 205.0	-2.87830 ± 0.06080	0.07447	-2.5
2011 139.0 to 2011 239.0	-2.75299 ± 0.09795	0.19978	-6.8
2011 173.0 to 2011 273.0	-2.97200 ± 0.12720	-0.01923	0.7
2011 207.0 to 2011 307.0	-2.98433 ± 0.09959	-0.03156	1.1
2011 241.0 to 2011 341.0	-3.01253 ± 0.05342	-0.05976	2.0
2011 275.0 to 2012 10.0	-2.97613 ± 0.03323	-0.02336	0.8
2011 309.0 to 2012 44.0	-2.96610 ± 0.03106	-0.01333	0.5
2011 343.0 to 2012 78.0	-2.98469 ± 0.03060	-0.03192	1.1
2012 12.0 to 2012 112.0	-3.03360 ± 0.03020	-0.08083	2.7
2012 46.0 to 2012 146.0	-3.00658 ± 0.03706	-0.05381	1.8

Tidal comparison M2				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 17.0 to 2009 117.0	5.84 ± 0.04	46.2 ± 0.4	0.19	3.2
2009 41.0 to 2009 141.0	5.86 ± 0.04	47.1 ± 0.4	0.13	2.2
2009 65.0 to 2009 165.0	5.84 ± 0.04	47.0 ± 0.4	0.16	2.6
2009 89.0 to 2009 189.0	5.77 ± 0.05	47.4 ± 0.5	0.22	3.7
2009 113.0 to 2009 213.0	5.79 ± 0.06	47.6 ± 0.6	0.21	3.4
2009 137.0 to 2009 237.0	5.89 ± 0.06	47.4 ± 0.6	0.10	1.7
2009 161.0 to 2009 261.0	5.95 ± 0.06	47.4 ± 0.6	0.04	0.8
2009 185.0 to 2009 285.0	6.10 ± 0.06	48.2 ± 0.6	0.14	2.4
2009 209.0 to 2009 309.0	6.10 ± 0.05	48.2 ± 0.5	0.14	2.4
2009 233.0 to 2009 333.0	6.11 ± 0.04	47.8 ± 0.4	0.13	2.2
2009 257.0 to 2009 357.0	6.08 ± 0.04	48.2 ± 0.4	0.13	2.2
2009 291.0 to 2010 26.0	6.03 ± 0.04	47.6 ± 0.4	0.05	0.8
2009 325.0 to 2010 60.0	5.97 ± 0.04	47.8 ± 0.4	0.06	1.0
2009 359.0 to 2010 94.0	5.90 ± 0.05	47.6 ± 0.5	0.10	1.7
2010 28.0 to 2010 128.0	5.82 ± 0.05	47.1 ± 0.5	0.17	2.9
2010 62.0 to 2010 162.0	5.87 ± 0.04	46.7 ± 0.4	0.14	2.3
2010 96.0 to 2010 196.0	5.96 ± 0.05	47.2 ± 0.5	0.03	0.6
2010 130.0 to 2010 230.0	6.02 ± 0.06	47.0 ± 0.6	0.04	0.7
2010 164.0 to 2010 264.0	6.04 ± 0.08	46.9 ± 0.8	0.06	1.0
2010 198.0 to 2010 298.0	6.04 ± 0.07	46.4 ± 0.7	0.10	1.7
2010 232.0 to 2010 332.0	6.07 ± 0.05	47.1 ± 0.5	0.08	1.3
2010 266.0 to 2011 1.0	6.11 ± 0.03	47.0 ± 0.3	0.12	2.0
2010 300.0 to 2011 35.0	6.02 ± 0.04	46.8 ± 0.4	0.06	0.9
2010 334.0 to 2011 69.0	6.02 ± 0.04	47.1 ± 0.4	0.03	0.5
2011 3.0 to 2011 103.0	5.91 ± 0.04	47.1 ± 0.4	0.09	1.4
2011 37.0 to 2011 137.0	5.94 ± 0.04	47.4 ± 0.4	0.05	0.9
2011 71.0 to 2011 171.0	5.91 ± 0.04	47.3 ± 0.4	0.08	1.4
2011 105.0 to 2011 205.0	5.98 ± 0.05	46.8 ± 0.5	0.05	0.9
2011 139.0 to 2011 239.0	6.01 ± 0.06	47.0 ± 0.6	0.03	0.6
2011 173.0 to 2011 273.0	6.15 ± 0.07	47.4 ± 0.7	0.16	2.6
2011 207.0 to 2011 307.0	6.17 ± 0.06	47.8 ± 0.6	0.19	3.1
2011 241.0 to 2011 341.0	6.21 ± 0.04	47.6 ± 0.4	0.22	3.7
2011 275.0 to 2012 10.0	6.21 ± 0.03	47.1 ± 0.3	0.22	3.6
2011 309.0 to 2012 44.0	6.18 ± 0.03	47.0 ± 0.3	0.19	3.2
2011 343.0 to 2012 78.0	6.17 ± 0.03	46.8 ± 0.3	0.18	3.1
2012 12.0 to 2012 112.0	6.10 ± 0.04	46.9 ± 0.4	0.11	1.9
2012 46.0 to 2012 146.0	6.06 ± 0.04	47.5 ± 0.4	0.07	1.2

Tidal comparison OI				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 17.0 to 2009 117.0	6.87 ± 0.08	-7.1 ± 0.7	0.69	11.1
2009 41.0 to 2009 141.0	6.86 ± 0.10	-7.5 ± 0.8	0.69	11.2
2009 65.0 to 2009 165.0	6.87 ± 0.10	-8.5 ± 0.8	0.75	12.1
2009 89.0 to 2009 189.0	6.72 ± 0.11	-8.3 ± 0.9	0.61	9.9
2009 113.0 to 2009 213.0	6.63 ± 0.13	-8.7 ± 1.1	0.57	9.2
2009 137.0 to 2009 237.0	6.62 ± 0.14	-7.6 ± 1.2	0.49	7.8
2009 161.0 to 2009 261.0	6.65 ± 0.12	-6.6 ± 1.0	0.46	7.4
2009 185.0 to 2009 285.0	6.78 ± 0.12	-6.4 ± 1.0	0.58	9.3
2009 209.0 to 2009 309.0	6.86 ± 0.10	-5.5 ± 0.8	0.64	10.3
2009 233.0 to 2009 333.0	6.78 ± 0.09	-4.8 ± 0.8	0.56	9.0
2009 257.0 to 2009 357.0	6.72 ± 0.08	-5.8 ± 0.7	0.51	8.1
2009 291.0 to 2010 26.0	6.61 ± 0.08	-6.8 ± 0.7	0.43	7.0
2009 325.0 to 2010 60.0	6.44 ± 0.10	-7.6 ± 0.9	0.35	5.6
2009 359.0 to 2010 94.0	6.38 ± 0.11	-6.7 ± 1.0	0.23	3.8
2010 28.0 to 2010 128.0	6.21 ± 0.11	-5.0 ± 1.0	0.02	0.3
2010 62.0 to 2010 162.0	6.17 ± 0.09	-4.4 ± 0.8	0.09	1.5
2010 96.0 to 2010 196.0	6.12 ± 0.11	-5.6 ± 1.0	0.11	1.8
2010 130.0 to 2010 230.0	6.19 ± 0.13	-5.6 ± 1.2	0.06	0.9
2010 164.0 to 2010 264.0	6.24 ± 0.17	-4.6 ± 1.6	0.06	1.0
2010 198.0 to 2010 298.0	6.33 ± 0.16	-3.3 ± 1.4	0.23	3.7
2010 232.0 to 2010 332.0	6.25 ± 0.12	-4.4 ± 1.1	0.09	1.4
2010 266.0 to 2011 1.0	6.23 ± 0.08	-6.1 ± 0.7	0.11	1.7
2010 300.0 to 2011 35.0	6.24 ± 0.09	-4.9 ± 0.8	0.03	0.5
2010 334.0 to 2011 69.0	6.03 ± 0.10	-5.3 ± 1.0	0.19	3.1
2011 3.0 to 2011 103.0	5.91 ± 0.09	-4.7 ± 0.9	0.31	5.0
2011 37.0 to 2011 137.0	5.75 ± 0.08	-3.4 ± 0.8	0.50	8.1
2011 71.0 to 2011 171.0	5.83 ± 0.08	-3.5 ± 0.8	0.43	6.8
2011 105.0 to 2011 205.0	6.02 ± 0.12	-2.6 ± 1.1	0.34	5.4
2011 139.0 to 2011 239.0	6.18 ± 0.13	-3.9 ± 1.2	0.14	2.2
2011 173.0 to 2011 273.0	6.15 ± 0.16	-4.8 ± 1.5	0.08	1.3
2011 207.0 to 2011 307.0	5.90 ± 0.14	-2.7 ± 1.4	0.41	6.6
2011 241.0 to 2011 341.0	5.94 ± 0.09	-2.4 ± 0.9	0.40	6.5
2011 275.0 to 2012 10.0	5.87 ± 0.07	-0.8 ± 0.7	0.58	9.3
2011 309.0 to 2012 44.0	5.87 ± 0.07	-2.6 ± 0.7	0.44	7.1
2011 343.0 to 2012 78.0	5.74 ± 0.08	-4.3 ± 0.8	0.49	7.8
2012 12.0 to 2012 112.0	5.81 ± 0.08	-6.1 ± 0.8	0.42	6.8
2012 46.0 to 2012 146.0	5.75 ± 0.09	-5.5 ± 0.9	0.47	7.6

Tidal comparison K1				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 17.0 to 2009 117.0	5.71 ± 0.33	150.7 ± 3.3	1.68	24.3
2009 41.0 to 2009 141.0	5.90 ± 0.40	149.0 ± 3.9	1.43	20.6
2009 65.0 to 2009 165.0	6.12 ± 0.41	149.3 ± 3.8	1.32	19.1
2009 89.0 to 2009 189.0	4.81 ± 0.44	142.0 ± 5.2	2.12	30.6
2009 113.0 to 2009 213.0	8.73 ± 0.52	137.8 ± 3.4	1.84	26.5
2009 137.0 to 2009 237.0	5.60 ± 0.57	132.6 ± 5.8	1.55	22.3
2009 161.0 to 2009 261.0	8.65 ± 0.51	127.8 ± 3.4	2.39	34.5
2009 185.0 to 2009 285.0	8.12 ± 0.49	134.7 ± 3.5	1.39	20.1
2009 209.0 to 2009 309.0	8.53 ± 0.43	122.8 ± 2.9	2.81	40.6
2009 233.0 to 2009 333.0	7.94 ± 0.36	145.2 ± 2.6	1.22	17.7
2009 257.0 to 2009 357.0	8.69 ± 0.32	133.2 ± 2.1	2.00	28.9
2009 291.0 to 2010 26.0	8.09 ± 0.34	145.6 ± 2.4	1.38	19.9
2009 325.0 to 2010 60.0	7.04 ± 0.41	146.9 ± 3.3	0.85	12.2
2009 359.0 to 2010 94.0	6.67 ± 0.44	150.6 ± 3.8	1.28	18.5
2010 28.0 to 2010 128.0	5.29 ± 0.43	149.0 ± 4.7	1.88	27.2
2010 62.0 to 2010 162.0	6.07 ± 0.36	148.9 ± 3.4	1.31	19.0
2010 96.0 to 2010 196.0	6.23 ± 0.44	140.9 ± 4.0	0.70	10.1
2010 130.0 to 2010 230.0	6.70 ± 0.57	127.5 ± 4.9	1.50	21.7
2010 164.0 to 2010 264.0	7.55 ± 0.71	132.8 ± 5.4	1.11	16.0
2010 198.0 to 2010 298.0	7.85 ± 0.64	127.5 ± 4.7	1.86	26.9
2010 232.0 to 2010 332.0	8.32 ± 0.50	141.1 ± 3.4	1.41	20.4
2010 266.0 to 2011 1.0	8.86 ± 0.30	130.7 ± 1.9	2.32	33.6
2010 300.0 to 2011 35.0	6.91 ± 0.34	150.0 ± 2.8	1.20	17.4
2010 334.0 to 2011 69.0	7.42 ± 0.39	143.2 ± 3.0	0.64	9.2
2011 3.0 to 2011 103.0	5.61 ± 0.39	151.5 ± 4.0	1.81	26.1
2011 37.0 to 2011 137.0	6.14 ± 0.34	151.0 ± 3.2	1.47	21.2
2011 71.0 to 2011 171.0	6.88 ± 0.34	131.9 ± 2.8	0.98	14.1
2011 105.0 to 2011 205.0	3.88 ± 0.46	153.1 ± 6.8	3.26	47.1
2011 139.0 to 2011 239.0	9.42 ± 0.52	136.9 ± 3.2	2.54	36.7
2011 173.0 to 2011 273.0	6.19 ± 0.65	120.3 ± 6.0	2.36	34.1
2011 207.0 to 2011 307.0	9.66 ± 0.56	137.9 ± 3.3	2.76	39.9
2011 241.0 to 2011 341.0	8.77 ± 0.38	132.6 ± 2.5	2.11	30.5
2011 275.0 to 2012 10.0	8.46 ± 0.27	146.8 ± 1.8	1.79	25.8
2011 309.0 to 2012 44.0	7.71 ± 0.29	149.8 ± 2.2	1.48	21.3
2011 343.0 to 2012 78.0	7.21 ± 0.31	148.3 ± 2.5	1.06	15.3
2012 12.0 to 2012 112.0	5.74 ± 0.32	153.6 ± 3.2	1.90	27.5
2012 46.0 to 2012 146.0	5.40 ± 0.37	148.1 ± 3.9	1.75	25.2

Tidal comparison S2				
time interval	Amplitude NS or counts	Phase(deg)	Absolute Difference NS or counts	Percent change
2009 17.0 to 2009 117.0	1.24 ± 0.14	-74.1 ± 6.5	0.29	26.6
2009 41.0 to 2009 141.0	0.92 ± 0.17	-64.8 ± 10.6	0.20	17.7
2009 65.0 to 2009 165.0	1.02 ± 0.17	-57.4 ± 9.5	0.11	10.1
2009 89.0 to 2009 189.0	1.62 ± 0.19	-46.7 ± 6.7	0.62	55.8
2009 113.0 to 2009 213.0	0.89 ± 0.22	-54.2 ± 14.2	0.25	22.4
2009 137.0 to 2009 237.0	0.84 ± 0.24	-36.7 ± 16.4	0.49	44.2
2009 161.0 to 2009 261.0	1.61 ± 0.22	-64.5 ± 7.8	0.51	46.2
2009 185.0 to 2009 285.0	1.31 ± 0.23	-81.7 ± 10.1	0.47	42.8
2009 209.0 to 2009 309.0	1.30 ± 0.18	-55.7 ± 7.9	0.23	20.6
2009 233.0 to 2009 333.0	1.27 ± 0.15	-34.4 ± 6.8	0.58	52.0
2009 257.0 to 2009 357.0	0.80 ± 0.14	-70.2 ± 10.0	0.34	30.6
2009 291.0 to 2010 26.0	1.19 ± 0.14	-60.2 ± 6.7	0.09	7.9
2009 325.0 to 2010 60.0	1.29 ± 0.17	-86.0 ± 7.6	0.54	49.2
2009 359.0 to 2010 94.0	1.15 ± 0.19	-63.2 ± 9.5	0.06	5.3
2010 28.0 to 2010 128.0	1.15 ± 0.18	-57.4 ± 9.0	0.09	8.0
2010 62.0 to 2010 162.0	0.91 ± 0.15	-68.8 ± 9.4	0.24	21.3
2010 96.0 to 2010 196.0	1.00 ± 0.18	-44.6 ± 10.3	0.32	29.2
2010 130.0 to 2010 230.0	0.97 ± 0.22	-87.6 ± 13.0	0.49	44.4
2010 164.0 to 2010 264.0	1.28 ± 0.29	-72.7 ± 13.0	0.29	26.6
2010 198.0 to 2010 298.0	1.09 ± 0.27	-37.2 ± 14.2	0.46	41.5
2010 232.0 to 2010 332.0	1.38 ± 0.21	-52.6 ± 8.7	0.33	30.1
2010 266.0 to 2011 1.0	0.77 ± 0.12	-55.0 ± 8.9	0.35	31.7
2010 300.0 to 2011 35.0	1.50 ± 0.15	-83.8 ± 5.7	0.64	57.8
2010 334.0 to 2011 69.0	0.87 ± 0.17	-52.4 ± 11.2	0.28	25.3
2011 3.0 to 2011 103.0	1.40 ± 0.16	-59.0 ± 6.5	0.30	27.1
2011 37.0 to 2011 137.0	0.86 ± 0.14	-62.2 ± 9.3	0.25	22.2
2011 71.0 to 2011 171.0	0.95 ± 0.14	-67.2 ± 8.4	0.19	17.0
2011 105.0 to 2011 205.0	1.38 ± 0.18	-44.1 ± 7.5	0.46	41.7
2011 139.0 to 2011 239.0	1.25 ± 0.22	-57.5 ± 10.1	0.16	14.9
2011 173.0 to 2011 273.0	1.63 ± 0.28	-76.1 ± 9.8	0.63	56.9
2011 207.0 to 2011 307.0	1.22 ± 0.23	-51.6 ± 10.8	0.23	20.6
2011 241.0 to 2011 341.0	1.49 ± 0.16	-62.0 ± 6.2	0.39	34.9
2011 275.0 to 2012 10.0	1.41 ± 0.12	-75.2 ± 4.9	0.43	38.9
2011 309.0 to 2012 44.0	1.53 ± 0.12	-72.4 ± 4.5	0.49	44.7
2011 343.0 to 2012 78.0	0.93 ± 0.13	-83.2 ± 8.0	0.42	38.3
2012 12.0 to 2012 112.0	1.30 ± 0.14	-61.5 ± 6.2	0.20	17.7
2012 46.0 to 2012 146.0	0.91 ± 0.16	-53.5 ± 10.1	0.24	21.5